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**St. Clair Shores, Michigan 48080**  
**(810) 498-0670**

(Only for new non-provisional applications Under 37 CFR 1.53(b))

Case Docket No. 01-669  
1496.00169

Date: October 26, 2001

jc760 U.S. PTO  
10/015076



10/26/01

Transmitted herewith for filing is a patent application of:

Inventor(s): Calvin E. Williams, John S. Holcroft and Christopher J. Lane

For: **HARDWARE SEMAPHORES FOR A MULTI-PROCESSOR SYSTEM WITHIN  
A SHARED MEMORY ARCHITECTURE**

Enclosed are:

1. ☒ Specification (20 pages); Claims (7 pages); Abstract (1 page)
2. ☒ 6 sheets of drawings.
3. ☒ Oath or Declaration Total Pages 3
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Item 5 completed)
  - c. ☐ Copy of Revocation of Previous Power
4. ☐ Incorporation By Reference (usable if Item 3b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Item 3b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
5. ☐ If a Continuing Application, check appropriate box and supply the requisite information below and in a preliminary amendment:  
  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)  
of prior application no.:
6. ☒ An assignment to LSI LOGIC CORPORATION, along with PTO form 1595.
7. ☐ A PTO Form 1449 with a copy of the references not previously cited.
8. ☒ Return Receipt Postcard
9. ☒ A PTO Form SB/35 - Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i).

The filing fee has been calculated as shown below:

	No. Filed	No. Extra	Fee	Amount
Basic Fee	--	--	--	\$740.00
Total Claims	10	0	x \$ 18.00	\$ 0.00
Indep. Claims	3	0	x \$ 84.00	\$ 0.00
Mult. Dep. Claims			\$280.00	\$ 0.00

SUB-TOTAL ..... \$740.00

— SMALL ENTITY STATUS (divide SUB-TOTAL by two) ..... \$

X Assignment Recordal Fee (\$40.00) ..... \$ 40.00

TOTAL ..... \$780.00

— A PTO-2038 form in the amount of \$ to cover the filing fee is enclosed.

X The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by this paper or associated with this filing to Deposit Account No. 12-2252. A duplicate copy of this sheet is enclosed.

**Correspondence Address:**

Customer Number or Bar Code Label:



24319

PATENT TRADEMARK OFFICE

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service via Express Mail Label No. EL890011757US in an envelope addressed to: BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231, on October 26, 2001.

By: Mary Donna Berkley  
Mary Donna Berkley

Respectfully submitted,

By Christopher P. Maiorana  
Christopher P. Maiorana  
Reg. No. 42,829

Date: October 26, 2001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Calvin E. Williams et al.

Serial No.:

Filed: Herewith

For: **HARDWARE SEMAPHORES FOR A MULTI-PROCESSOR SYSTEM  
WITHIN A SHARED MEMORY ARCHITECTURE**

Attorney Docket: 01-669 / 1496.00169

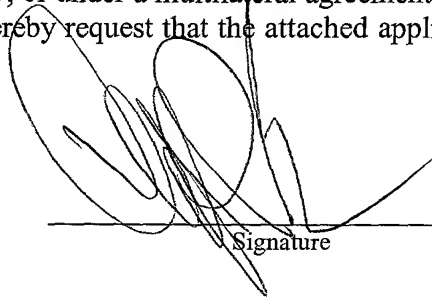
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**REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)**

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

October 26, 2001

Date



Signature

Christopher P. Maiorana (42,829)

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**